



Product Features

The Stealth Luminaire range has a die cast aluminium body with a sloped angular profile to offer an unusual design for contemporary applications. The luminaire has an IP rating of IP65.

The dished polycarbonate glazing reduces light pollution and sky glow. The glazing is secured to the body of the luminaire by a wrap around spring steel band that clips into the lantern body applying even pressure to the glazing profile. The unit comes with a side entry mounting as standard to allow a variety of bracket options.

The Stealth is fitted with the large road lighting optic, which is secured to a removable tray which also houses the integral gear.

Features

The Stealth Luminaire has a body made from die cast aluminium with a glanded entry from the bracket coupling into the luminaire body. The glazing is released by closing the sprung steel frame for the glazing, which then hinges down providing access for relamping. The standard optic supplied is the large road lighting optic, which is mounted on a removable tray.

The lantern is supplied, as standard, as a side entry luminaire enabling multiple units to be used with column brackets. The three sizes of luminaires offer a variety of wattages and mounting heights.

Control Gear

All gear is class I wired and a full range of discharge gear can be accommodated within the luminaire. The gear is secured to the optic tray for easy removal and maintenance. Photocells are fitted into the top of the luminaire; single and two-piece electronic cells are available as standard. These should be factory fitted to ensure the ingress rating of the luminaire is not compromised.



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Options

Mounting Options

The Stealth fitting is designed to be a side entry luminaire with a bracket entry of 42mm which also allows 34mm diameter brackets to be used. This covers mounting heights from 4m to 8m to be accommodated with short outreach plain brackets to give a direct post mounting option if required.

Photocells

Single and two part electronic photocells are available as standard and should be factory fitted to maintain the ingress rating of the fitting.

Finish variations

The luminaire is supplied Black Ral 9005. Other colours are available but may be subject to quantity, and prices may differ.

Luminaire construction

Cast aluminium body with recesses for sealing gaskets and a sprung steel hinge to secure the glazing.

Materials

Luminaire

Cast aluminium luminaire enclosure.

Glazing

This unit is fitted with a dished polycarbonate glazing profile that is secured into the luminaire by a steel frame to ensure the ingress protection is maintained. The glazing can be removed by releasing the sprung frame from the fixing which then hinges down for lamp and gear access and cleaning.

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Typical Specification

The Stealth Medium IP65 Luminaire has a cast aluminum body fitted with a side entry coupling with two sets of two socket-head set screws to secure to a column or wall bracket. The luminaire is fitted with dished **polycarbonate** clear glazing secured to the luminaire by a sprung steel hinged frame. The luminaire is finished in **black RAL 9005** and measures 535mm in length, 250mm in width and is 192mm in height, with a bracket entry which has a 42mm internal diameter. The fitting is supplied with gaskets and glands to ensure that the ingress rating is maintained, plus a **large road lighting optic** and a **100w HPS T** gear package with an **E40** lampholder which is positioned for a horizontal tubular clear lamp: Lamp not supplied.

A **one-piece electronic** photocell is fitted to the top of the luminaire enclosure and is factory sealed to ensure the ingress protection of the fitting is not compromised. The luminaire is constructed from die cast aluminium with all fixtures and fittings being galvalised or stainless steel.

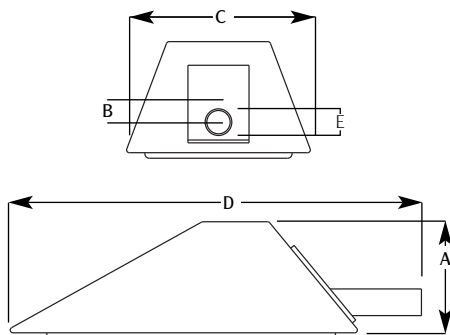
Please note that items highlighted in bold should be changed using the options available.

Applications

This modern development in Newhaven used the Stealth luminaire as the angular profile of the fitting complemented the roof structure of the development. Conical tapered 5m columns were used in conjunction with the Medium Stealth luminaire, fitted with 150w HPS T lamps and integral gear. A short outreach bracket centred the fittings over the columns. This decorative combination has been used to light both the approach roads and service areas as well as providing a uniform lighting performance within the main car park.



Options



It is important to note that when the Cosmopolis option is used, electronic gear will be used due to space within the lantern top.

DIMENSIONS	MEDIUM	LARGE	BOXED
A Lantern Height	192mm	195mm	250mm
B Lamp Height	64mm	65mm	
C Diameter/Width	250mm	330mm	262mm
D Length	535mm	755mm	702mm
E Standard Entry	42mm	42mm	
Windage	0.06m ²	0.1m ²	0.46m ²
Weight	12.8kg	17.2kg	13.kg

WATTAGES & LAMP TYPES	57W	60W	70W	80W	85W	90W	100W	125W	140W	150W	250W
HPS			✓✓				✓✓			✓✓	✓✓
HQI/CDMTT			✓✓				✓✓			✓✓	✓✓
Cosmopolis		✓✓				✓✓			✓✓		
PLT	✓✓				✓✓						
MBF				✓✓				✓✓			

OPTICS	
Large Road Lighting Optic	✓✓
Cycle Optic	✓✓
E27 Lamp Holder only	✓✓
E40 Lamp Holder only	✓✓

GLAZING	
Dished Acrylic	✓✓
Dished Polycarbonate	✓✓

KEY: ✓ Medium ✓ Large